AMENDMENT NO. 1 MARCH 2022

TO

IS 1848 (PART 2) : 2018 WRITING AND PRINTING PAPERS — SPECIFICATION

PART 2 AIR MAIL/MANIFOLD, CARTRIDGE DRAWING AND CARTRIDGE WHITE, DUPLICATING ABSORBENT AND DUPLICATING SEMI-ABSORBENT AND POSTER MACHINE GLAZED TYPES

(Fifth Revision)

[*Page* 2, *clause* 5.2 c)] — Substitute first sentence with the following:

'Mass of 500 sheets including wrapping paper, in kg/ream or 250 sheets including wrapping paper, in kg/packet'.

(*Page* 3, *Table* 1) — Replace the existing table with the following:

Table 1 Requirements for Writing and Printing Papers

(*Clauses* 4.6, 4.7 *and* 6.2)

Sl No.	Characteristics		Requirements					Method of Test
			Air mail/ manifold	Cartridge drawing	Cartridge, white	Duplicating absorbent/ Duplicating, semi-absorbent	Poster, machine glazed	
(1)	(2)		(3)	(4)	(5)	(6)	(7)	(8)
i	Tensile Index Nm/g *Min*	CD	20	20	17	17	17	IS 1060 (Part 5/Sec 6)
		MD	30	30	25	25	25	
ii	Brightness ISO, Percent, *Min*		80	80	75	72	75	IS 1060 (Part 4/Sec 13)
iii	Opacity Percent, *Min*		80	80	80	85	-	IS/ISO 2471
iv	One Minute Cobb Test g/m², *Max* Average		25	25	25	25-70	25	IS 1060 (Part 5/Sec 4)
v	Number of Double Fold, *Min*	CD	-	10	-	-	-	IS 1060 (Part 6/Sec 3)
		MD	-	15	-	-	-	
vi	Gloss Percent *Min*		-	-	-	-	18 (glazed side only)	IS 1060 (Part 5/Sec 12)
vii	Smoothness (Bendtsen) ml/ min *Max*		200	300	300	300	300	Cl.3 of IS 9894
viii	Tear Index mN.m2/g *Min*	CD	4.0	4.0	4.0	4.0	4.0	IS 1060 (Part 6/Sec 1)
		MD	3.5	3.5	3.5	3.5	3.5	

NOTES:

i) Requirement of brightness and gloss are applicable for white papers only.

ii) Tensile index = (Breaking length × 0.009 8); Tear index = (Tear factor × 0.098)

CD = Cross direction MD = Machine direction

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